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DPM 1309

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME E. I. du Pont de Nemours & Co., Inc.		EMERGENCY TELEPHONE NO. (302) 774-7500
ADDRESS (Number, Street, City, State, and ZIP Code) DuPont, F&F Wilmington, Delaware 19898		
CHEMICAL NAME AND SYNONYMS N.A.	TRADE NAME AND SYNONYMS N.A.	
CHEMICAL FAMILY Resin/Acid Coating	FORMULA 1818-014 Coating	(8/23/68)

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
MOMENT Approx.		PPM	BASE METAL		
MOMENT Aliphatic Alcohol	81	100	ALLOYS		
VEHICLE Polyvinyl Butyral Resin	9	N.A.	METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS			Approximate		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Zinc Chromate Pigment				9	100
Magnesium Silicate Pigment				1	10

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Approx. Range	170-178	SPECIFIC GRAVITY (H ₂ O=1)	0.899
VAPOR PRESSURE (mm Hg.) Principal Solvent	4.0	PERCENT VOLATILE BY VOLUME (%)	82
VAPOR DENSITY (AIR=1) Principal Solvent	1.6	EVAPORATION RATE (Ether = 1) Slower than	Ether
SOLUBILITY IN WATER	Appreciable		
APPEARANCE AND ODOR	Yellow liquid; strong solvent odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Between 20° & 73°F (C.C.)	FLAMMABLE LIMITS Approximate	Lel 3.3	Uel 19.0
EXTINGUISHING MEDIA Foam, Carbon Dioxide, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES Water from fog nozzles may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat.			
UNUSUAL FIRE AND EXPLOSION HAZARDS N.A.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE

Headache, nausea, impairment of reaction time and coordination

EMERGENCY AND FIRST AID PROCEDURES

Inhalation - Move to fresh air to restore breathing.

Skin contact - Wash with soap and water. Remove contaminated clothing.

Eye contact - Flush with water for at least 15 minutes; call a physician

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

STABLE

X

CONDITIONS TO AVOID

N.A.

INCOMPATIBILITY (Materials to avoid)

None reasonably foreseeable

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, SmokeHAZARDOUS
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

X

N.A.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Avoid prolonged contact with skin and breathing of vapor.

Remove sources of ignition. Remove with inert absorbent and non-sparking tools.

Ventilate area.

WASTE DISPOSAL METHOD

Disposal method must comply with Local, State, and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Use adequate ventilation. A cartridge-type respirator, used in accordance with the manufacturer directions is recommended if engineering and administrative controls of air contaminants is not feasible.

VENTILATION

LOCAL EXHAUST

Provide sufficient ventilation to keep

MECHANICAL (General)

below given TLV & LEL

SPECIAL

Remove sources of ignition

OTHER

N.A.

PROTECTIVE GLOVES

Use for prolonged or repeated contact

EYE PROTECTION

Use safety eyewear to prevent splashes

OTHER PROTECTIVE EQUIPMENT

Use appropriate industrial hygiene practices

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks, and open flame. Close container after each use.

Do not store above 120°F.

OTHER PRECAUTIONS

Wash thoroughly after handling and before eating or smoking.

Observe Label Precautions. Containers should be grounded when pouring.

NOTICE FROM DUPONT